

Abstract of the Disclosure

FUEL INJECTOR WITH NON-METALLIC TIP INSULATOR

5 A fuel injector is provided which has an injector body with a metallic tip having an outer surface. A non-metallic insulator, such as a ceramic, is attached to the tip and covers a portion of the outer surface. Injector tip overheating can be a
10 problem, especially during sustained two-cycle boosted engine compression release braking. In addition, injector tip overheating can be a problem when an engine is experiencing simultaneous engine compression release braking and exhaust braking.